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(71)Applicant : MATSUBA MEGANE
KOGYO KK

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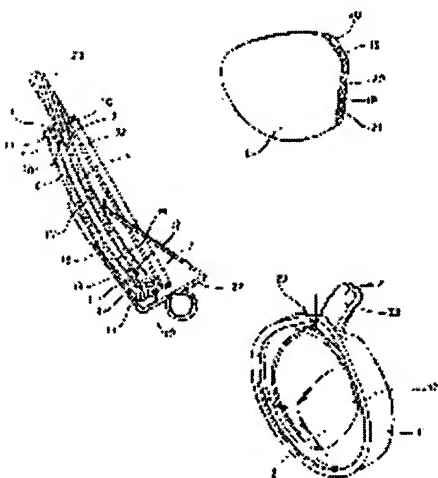
(72)Inventor : NOZAWA KAZUO

(54) PREPARATION OF SYNTHETIC RESIN LENS FOR GLASSES AND GASKET FOR PREPARING THE SAME

(57)Abstract:

PURPOSE: To prepare accurately and easily a lens for glasses, by fitting and fixing front and rear rigid molds on front and rear mold-fixing walls of a gasket made of a rubber elastic raw material, filling a resin monomer in a formed lens space and polymerizing and curing the monomer.

CONSTITUTION: A front side rigid mold 5 and a rear side rigid mold 6 are respectively tightly fitted and fixed on front and rear mold-fixing wall of a gasket 1 and the whole structure is integrally set by means of a clip 27. Partial twisted deformation is given to the gasket 1 and a lens space 17 is thereby made in a little open state. An injecting needle is inserted into the opening 29 and a resin monomer 30 is poured and filled in the lens space 17. After filling, an operational projected piece 23 is returned to a free condition and the whole front and rear circumferential parts of the opening 2 for lens are brought into tight



contact with the inner faces 15 and 16 of the front and rear rigid molds 5 and 6. The lens space 17 is completely filled with the resin monomer 30 and sealed. The resin monomer 30 is polymerized and cured by heating. A lens 4 for glasses having three dimensional decorative patterns on its side edge part can be obtained after the front and rear rigid molds 5 and 6 and the gasket 1 are removed.

LEGAL STATUS

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